

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)								February 2003			
BUDGET ACTIVITY 7 - Operational system development				PE NUMBER AND TITLE 0303150A - WWMCCS/Global Command and Control System				PROJECT C86			
COST (In Thousands)		FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
C86	ARMY GLOBAL C2 SYSTEM	13131	16999	20124	19206	17608	15502	18129	17520	Continuing	Continuing
<p><b><u>A. Mission Description and Budget Item Justification:</u></b> Global Command and Control System-Army (GCCS-A): This project is the Army component system that directly supports the implementation of the Joint Global Command and Control System (GCCS). GCCS-A provides automated command and control tools for Army Strategic and Theater Commanders to enhance warfighter capabilities throughout the spectrum of conflict during joint and combined operations in support of the National Command Authority (NCA). The GCCS-A developed software systems will dramatically improve the Army's ability to analyze courses of action; develop and manage Army Forces; and ensure feasibility of war plans. The GCCS-A will provide a layered architecture and functional best-of-breed software applications to develop a totally integrated component of the joint GCCS. This system supports the Legacy to Objective transition path of the Transformation Campaign Plan (TCP).</p>											
<b><u>Accomplishments/Planned Program</u></b>							<b><u>FY 2002</u></b>	<b><u>FY 2003</u></b>	<b><u>FY 2004</u></b>	<b><u>FY 2005</u></b>	
Perform Systems Engineering							2216	2427	2572	2726	
Software Development							9098	12019	15345	14193	
Perform Data Engineering							620	756	797	797	
Conduct Test and Evaluation							381	395	418	444	
Perform Program Support and Management Efforts							816	942	992	1046	
Army Battle Command System (ABCS) System Engineering and Integration Efforts							0	460	0	0	
Totals							13131	16999	20124	19206	

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)

February 2003

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

**7 - Operational system development**

**0303150A - WWMCCS/Global Command and Control System**

**C86**

<u><b>B. Program Change Summary</b></u>	FY 2002	FY 2003	FY 2004	FY 2005
Previous President's Budget (FY 2003)	13385	17895	8406	7987
Current Budget (FY 2004/2005 PB)	13131	16999	20124	19206
Total Adjustments	-254	-896	11718	11219
Congressional program reductions		-452		
Congressional rescissions				
Congressional increases				
Reprogrammings	8			
SBIR/STTR Transfer	-262	-444		
Adjustments to Budget Years			11718	11219

Funding: FY 2004 (+11718) Increase for development of previously deferred Threshold (T1) Operational Requirements  
FY 2005 (+11219) Increase for development of previously deferred Threshold (T1) Operational Requirements

<u><b>C. Other Program Funding Summary</b></u>	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Compl	Total Cost
BA8250 Global Command & Control System-Army (GCCSA)	8437	20576	16499	16239	17025	17181	20677	22293	Continue	Continue

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)		February 2003
BUDGET ACTIVITY <b>7 - Operational system development</b>	PE NUMBER AND TITLE <b>0303150A - WWMCCS/Global Command and Control System</b>	PROJECT <b>C86</b>
<p><b><u>D. Acquisition Strategy:</u></b> The GCCS-A software integration and development effort is a multi-year incrementally funded spiral development effort. Spiral development will ensure interoperability with Joint and ABCS Systems as well as continuing development of objective Operational Requirements Document (ORD) capabilities. A hybrid (Cost-Plus-Award Fee and Firm-Fixed- Price) contract was awarded to Lockheed Martin Corporation (LMC) in December 1994. The contract consists of software development, software maintenance and relocation/de-installation of the test facility upon completion of the contract. Project Manager, Strategic Theater Command and Control System (PM STCCS) established an Integrated Process Team (IPT) in December 1995 to review the status of software integration and develop functional deliveries. The results of the IPT were instituted providing the users of GCCS-A mission software deliveries identified as Capability Package 1 (CP1) and deliveries one through four followed by required functional enhancements. CP1, which was delivered in second quarter FY 1996 and designated Initial Operational Capability (IOC) system in the fourth quarter FY 1996, provided the replacement for the Army World-Wide Military Command and Control Information System (AWIS) strategic mission support applications/software and the Army's GCCS interface to selected HQDA and FORSCOM sites. Deliveries one through four provide the integration and migration of selected Standard Theater Army Command and Control System (STACCS), Theater Automated Command and Control Information Management System (TACCIMS) and Combat Service Support Control System (CSSCS) Echelons Above Corps (EAC) mission support applications/software into a common baseline. Deliveries one through four have been/are being delivered to ten Army -managed sites located throughout the world. A common hardware platform will be used within the Army to implement GCCS-A/GCCS. This will include products from the Army's Common Hardware/Software-2 (CHS-2) contract, which consists of Commercial Off-the-Shelf (COTS) hardware and software. The COTS hardware and software will provide computers with expanded processing, storage and communications capability, as well as office-automation and management software.</p>		

ARMY RDT&E COST ANALYSIS(R-3)									February 2003			
BUDGET ACTIVITY <b>7 - Operational system development</b>					PE NUMBER AND TITLE <b>0303150A - WWMCCS/Global Command and Control System</b>					PROJECT <b>C86</b>		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Software Development	HYBRID	Lockheed Martin Corp, Springfield, VA	80959	12019	1-2Q	15345	1-2Q	14193	1-2Q	Continue	122516	Continue
b . COE Support	MIPR	Various	1766	0		0		0		0	1766	1766
c . GFE	MIPR	Various	1464	0		0		0		0	1464	1465
d . ABCS System Engineering & Integration Efforts	MIPR	PEO C3S, NJ	1054	460	2Q	0		0		0	1514	1514
e . Matrix	MIPR	CECOM, NJ	3336	756	1-2Q	797	1-2Q	797	1-2Q	Continue	Continue	Continue
f . Product Studies	MIPR	SAIC, VA	2391	0		0		0		0	2391	2391
g . Project Management	In House	PM ATCCS, NJ	21215	2427	1-4Q	2572	1-4Q	2726	1-4Q	Continue	Continue	Continue
Subtotal:			112185	15662		18714		17716		Continue	Continue	Continue

ARMY RDT&E COST ANALYSIS(R-3)									February 2003			
BUDGET ACTIVITY <b>7 - Operational system development</b>					PE NUMBER AND TITLE <b>0303150A - WWMCCS/Global Command and Control System</b>					PROJECT <b>C86</b>		
II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . FCBS/CSC	MIPR/Del Ord	Various	2389	0		0		0		0	2389	2389
b . INRI	MIPR	Various	200	0		0		0		0	200	200
Subtotal:			2589	0		0		0		0	2589	2589
III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Government	MIPR	Various	2754	295	2Q	318	2Q	344	2Q	Continue	Continue	Continue
b . EPG	MIPR	Various	786	0		0		0		0	786	786
c . ATEC	MIPR	Various	602	100	1Q	100	1Q	100	1Q	Continue	Continue	Continue
Subtotal:			4142	395		418		444		Continue	Continue	Continue

ARMY RDT&E COST ANALYSIS(R-3)									February 2003			
BUDGET ACTIVITY <b>7 - Operational system development</b>					PE NUMBER AND TITLE <b>0303150A - WWMCCS/Global Command and Control System</b>					PROJECT <b>C86</b>		
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Program Office Management	In House	PM GC C2, NJ	2059	942	1-4Q	992	1-4Q	1046	1-4Q	Continue	5039	Continue
Subtotal:			2059	942		992		1046		Continue	5039	Continue
Project Total Cost:			120975	16999		20124		19206		Continue	Continue	Continue

Schedule Profile Detail (R-4a Exhibit)							February 2003	
BUDGET ACTIVITY <b>7 - Operational system development</b>				PE NUMBER AND TITLE <b>0303150A - WWMCCS/Global Command and Control System</b>			PROJECT <b>C86</b>	
<u>Schedule Detail</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
ABCS/FDD Interoperability	1-4Q	1-4Q						
GCCS-A Delivery 3 Development Complete	2Q							
GCCS-A Block 4 Development	2-4Q	1-4Q	1-4Q					
GCCS-A Block 5 Development		4Q	1-4Q	1-4Q	1-3Q			
GCCS-A Block 6 Development				4Q	1-4Q	1-4Q	1-3Q	
GCCS-A Block 7 Development						4Q	1-4Q	1-4Q